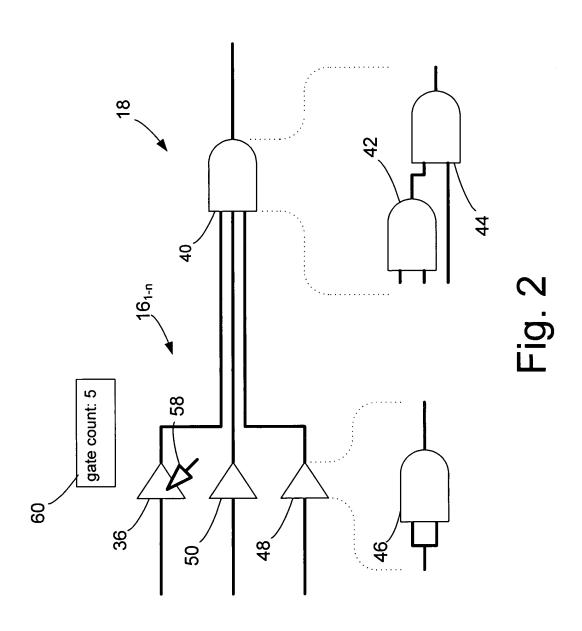
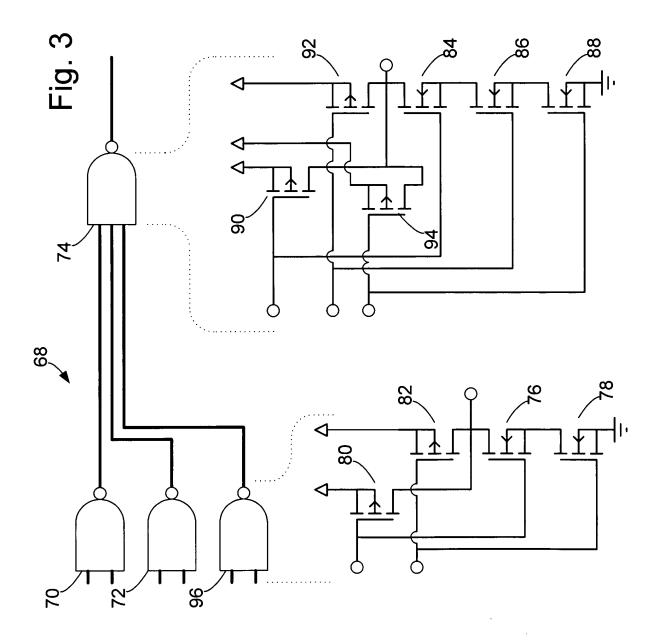


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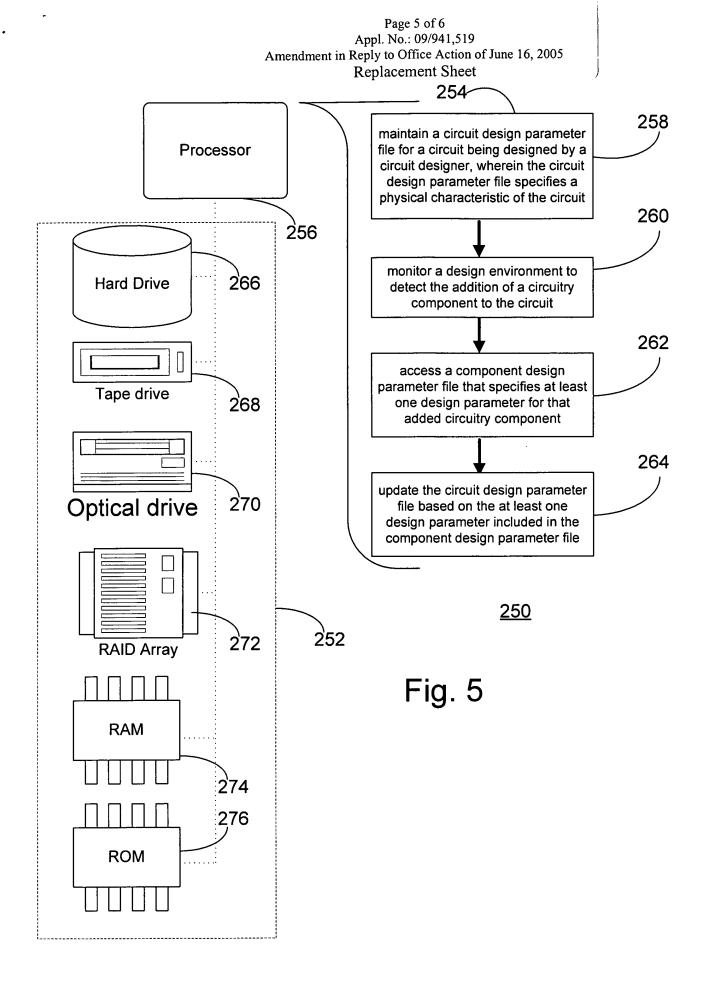
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Amendment in Reply to Office Action of June 16, 2005 Replacement Sheet maintaining a circuit design parameter file for a circuit being designed by a circuit designer, wherein the circuit design parameter file monitoring a design environment to specifies a physical characteristic of the circuit detect the deletion of a circuitry component from the circuit being <u> 112 136</u> designed monitoring a design environment to detect the accessing a component design addition of a circuitry component to the circuit parameter file that specifies at least one design parameter for that deleted 114¹³⁸ circuitry component updating the circuit design parameter accessing a component design parameter file file based on the at least one design that specifies at least one design parameter for parameter included in the component that added circuitry component 14Ó design parameter file for that deleted circuitry component 118 116 updating the circuit design parameter file based on the at least one design parameter included in the component design parameter file 126 128 130 132 134 recalculating the recalculating recalculating the recalculating recalculating the total the total total number of the total total amount of number of transistors number of power required silicon area cells required required to gates required required to to power the to construct circuit being construct the to construct construct the the circuit circuit being the circuit designed so circuit being designed so that it includes being designed so being that it includes designed so the amount of that it includes designed so that it includes the silicon that it includes the number of power required area required the number of transistors the number of to power the gates required to construct required to cells required added circuitry to construct component. the added to construct construct the circuitry the added added circuitry the added component circuitry component. circuitry component. component providing the circuit designer with 120 110 feedback concerning the physical characteristic of the circuit being designed 124 122 providing the circuit designer with allowing the circuit designer to feedback concerning the physical request feedback concerning characteristic of the circuit being the physical characteristic of the designed in response to the circuit circuit being designed designer requesting the same

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Fig. 4



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